

August 16, 1982

Memo to File:

RE: Field Trip
Flat Top Mine
Michael J. Skopos
ACT/015/019
Emery County, Utah

On August 10, 1982, Jim Smith, Tom Tetting and Pam Grubaugh-Littig visited the abandoned uranium Flat Top Mine in the San Rafael area.

There are two access roads to the top of the mesa where the mining activities occurred, only one is passable. There are eight (8) openings that require sealing (four are on the road to the top, four are located on the southern part of the top).

The estimated area of disturbance is about three acres. Scattered trash and debris are found throughout the area. There are numerous three inch drill holes dispersed on the top of the mesa. Shallow pits are cut in front of the adits. One of the entrances contains a large pool of water. There are three concrete boxes (about 5' X 6') with a stand pipe cut in the top for ventilation. Vegetation in the area is sparse (pinyon, juniper, cliffrose, shadscale, galleta grass, snakeweed and annuals).

The reclamation measures that should be applied to the area in the order of priority are:

1. Seal the mine openings. This could be done by blasting. There are large rocks in the vicinity that would sufficiently seal the areas.
2. Backfill and recontour the surface area. This could be accomplished with a D-6 in approximately 32 hours. A dump truck could remove excess debris in about one load.
3. The seed should be hand-broadcast in the area after the dozer has recontoured the area.

Approximate Cost:

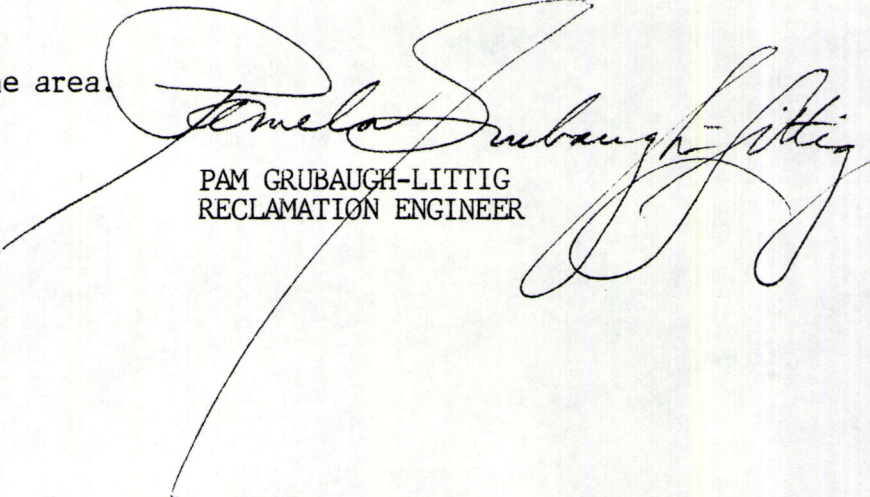
Explosives: \$800
Dozer (D-6): \$100/hr X 32 hrs = \$3,200

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Dump Truck: \$35/hr X 8 hrs = \$280
Seed: \$500
Labor: \$100/shift X 5 shifts = \$500
Mobilization: \$500

Estimated Cost: \$5,780

Photographs were taken of the area.



PAM GRUBAUGH-LITTIG
RECLAMATION ENGINEER

PG-L:btb